

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Substitute for form 1449A/PTO	AUG. 13 2004	
Sheet	1	of 2

<i>Complete if Known</i>	
Application Number	10/623,487
Filing Date	July 18, 2003
First Named Inventor	Richard N. ELLSON et al.
Art Unit	2853
Examiner Name	Unassigned
Attorney Docket Number	7610-0001.03

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Document No.	Issue Date or Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
KF	AA	4,308,547	12/29/81	Lovelady et al.			
	AB	4,697,195	9/29/87	Quate et al.			
	AC	4,719,476	1/12/88	Elrod et al.			
	AD	4,751,529	6/14/88	Elrod et al.			
	AE	4,751,530	6/14/88	Elrod et al.			
	AF	4,751,534	6/14/88	Elrod et al.			
	AG	4,797,693	1/10/89	Quate			
	AH	4,801,953	1/31/89	Quate			
	AI	4,959,674	9/25/90	Khri-Yakub et al.			
	AJ	5,041,849	8/20/91	Quate et al.			
	AK	5,087,931	2/11/92	Rawson			
	AL	5,122,818	6/16/92	Elrod et al.			
	AM	5,216,451	6/1/93	Rawson et al.			
	AN	5,229,016	7/20/93	Hayes et al.			
	AO	5,229,793	7/20/93	Hadimioglu et al.			
	AP	5,231,426	7/27/93	Sweet			
	AQ	5,339,101	8/16/94	Rawson et al.			
	AR	5,377,902	1/3/95	Hayes			
	AS	5,392,064	2/21/95	Hadimioglu et al.			
	AT	5,415,679	5/16/95	Wallace			
	AU	5,436,327	7/25/95	Southern et al.			
	AV	5,498,444	3/12/96	Hayes			
	AW	5,520,715	5/28/96	Oeftering			
	AX	5,556,752	9/17/96	Lockhart et al.			
	AY	5,591,490	1/7/97	Quate			
	AZ	5,608,433	3/4/97	Quate			
	BA	5,629,724	5/13/97	Elrod et al.			
	BB	5,631,678	5/20/97	Hadimioglu et al.			
	BC	5,643,353	7/1/97	Wallace et al.			
	BD	5,658,802	8/19/97	Hayes et al.			
	BE	5,669,971	9/23/97	Bok et al.			
	BF	5,722,479	3/3/98	Oeftering			
	BG	5,744,305	4/28/98	Fodor et al.			
	BH	5,798,779	8/25/98	Nakayasu et al.			
	BI	5,808,636	9/15/98	Stearns			
	BJ	5,959,297	9/28/99	Weinberg et al.			
	BK	5,985,356	11/16/99	Schultz et al.			
	BL	6,004,617	12/21/99	Schultz et al.			
	BM	6,010,316	1/4/00	Haller et al.			
	BN	6,015,880	1/18/00	Baldeschwieler et al.			
	BO	6,028,189	2/22/00	Blanchard			
	BP	6,029,896	2/29/00	Self et al.			
KF	BQ	6,030,917	2/29/00	Weinberg et al.			

Examiner Signature	<i>[Signature]</i>	Date Considered	10/64
--------------------	--------------------	-----------------	-------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO				<i>Complete if Known</i>			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/623,487		
Sheet	2	of	2	Filing Date	July 18, 2003		
				First Named Inventor	Richard N. ELLSON et al.		
				Art Unit	2853		
				Examiner Name	Unassigned		
				Attorney Docket Number	7610-0001.03		

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Document No.	Issue Date or Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
KF	BR	6,034,775	3/7/00	McFarland et al.			
	BS	6,045,671	4/4/00	Wu et al.			
	BT	6,087,181	7/11/00	Cong			
	BU	6,187,164	2/13/01	Warren et al.			
	BV	6,416,164	7/9/02	Stearns et al.			
	BW	2002/0037359	3/28/02	Mutz et al.			
	BX	2002/0037375	3/28/02	Ellson et al.			
	BY	2002/0037527	3/28/02	Ellson et al.			
	BZ	2002/0042077	4/11/02	Ellson			
✓	CA	Serial No. 09/669,194		Ellson et al.			9/25/00
✓	CB	Serial No. 09/669,267		Ellson			9/25/00
KF	CC	Serial No. 09/669,997		Mutz et al.			9/25/00

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
KF	CD	ELROD et al. (1989), "Nozzleless Droplet Formation with Focused Acoustic Beams," <i>J. Appl. Phys.</i> 65(9):3441-3447.	↗
✓	CE	HADIMIOGLU et al. (1992), "Acoustic Ink Printing," <i>Ultrasonics Symposium</i> , pp. 929-935.	↗
✓	CF	MACBEATH et al. (2000), "Printing Proteins as Microarrays for High-Throughput Function Determination," <i>Science</i> 289:1760-1763.	↗
KF	CG	THERIAULT et al. (1999), "Application of Ink-jet Printing Technology to the Manufacture of Molecular Arrays," <i>DNA Microarrays, A Practical Approach</i> , Ed. M. Schena, Chapter 6 (Oxford University Press).	↗

Examiner Signature	K. J. —	Date Considered	10/04
--------------------	---------	-----------------	-------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.